

## European Solar Energy Storage

# Tourism recovery accumulates energy



## Overview

---

This study considered a panel of twenty countries characterized by tourist glut to investigate the role of renewable energy towards sustainable tourism transition. We used a nonparametric kernel density approach to f.

Does the number of tourists affect energy consumption?

The number of tourists does not affect energy consumption in the same way as tourism receipts. Likewise, two alternative tourism variables are used: the number of international tourist arrivals (TA) and international tourism receipts (TR). Both variables have been previously used in the literature as indicators of tourism.

What is the relationship between tourism and energy consumption?

The relationship between tourism and energy consumption and between GDP and energy consumption differs for total energy consumption and for the economic sectors most closely linked to tourism.

Does tourism drive energy consumption?

Therefore, once again, it seems that tourism drives energy consumption (to a certain level), due to the increase in population at the tourist destination, regardless of tourist expenditure, which could diminish the transport sector energy use.

Is tourism recovery enough?

But in a world facing climate shocks, resource depletion, and many conflicts and crises, recovery is not enough. Tourism must not only bounce back; it must drive sustainability and build resilience. Tourism drives economies, cultures, and connections, making up about 10% of the global economy and creating one in four new jobs.

Can tourism recover from a global crisis?

With 1.4 billion international tourist arrivals recorded globally in 2024, the sector has bounced back to pre-pandemic levels, signalling a recovery from its

worst crisis. The UN commemorates Global World Tourism Day on Feb 17 But in a world facing climate shocks, resource depletion, and many conflicts and crises, recovery is not enough.

Do tourist arrivals reduce transport energy consumption?

Therefore, tourist arrivals may reduce (at least proportionally) the transport energy consumption, if the number of passengers is large enough to take advantage of the efficiency gains that occur, when the number of passengers is high. Regarding tourism receipts, different results are obtained.

## Tourism recovery accumulates energy

---

### Chapter 3. Promoting a green tourism recovery

Decarbonisation: advance sustainable production and consumption by increasing energy efficiency, promoting circular economy models, and reducing tourism's greenhouse gas emissions (GHG), to reach net-zero by 2050.



**2MW / 5MWh**  
**Customizable**

### Tourism-generated energy use characteristics and ...

Abstract Mountain tourism destinations are characterized as significantly impacted by their remoteness, seasonal climatic variations, and fragile ecosystems. These factors greatly influence the development, ...



### Accessing the role of tourism, renewable energy, and green

...

Renewable energy, green finance, and sustainable tourism are vital for strengthening resilience to environmental disasters, minimising vulnerability, and accelerating recovery.

### Tourism-generated energy use characteristics and sustainability

Abstract Mountain tourism destinations are characterized as significantly impacted by their remoteness, seasonal climatic variations, and fragile ecosystems. These factors greatly influence the development, distribution, and consumption of ...



## OECD Tourism Trends and Policies 2022: Promoting a green tourism recovery

Tourism policy priorities, reforms and developments are analysed and examples of country practices highlighted. Thematic chapters provide insights on building resilience in the tourism ecosystem and promoting a green tourism recovery.

## Renewable energy and transitioning towards sustainable tourism

On the other hand, renewable energy consumption negatively affects carbon emissions but affects the international tourist arrivals positively. This study intends to guide policymakers to hold back fossil fuel dependence for sustainable tourism.



## The Impact of Tourism on Energy Consumption: A Sectoral ...

The aim of this study is to analyze the relationship between final energy consumption in the whole economy, the transport, commercial

and public services sectors, and the tourist activity in the 15 countries with the highest number of international tourist arrivals in the world, in 2000-2019 period.



## Renewable energy transition to sustainable tourism: extrapolating ...

The findings demonstrate that both the tourist industry's current energy requirements and the tourism strategy's particulars influence the adoption of renewable energy technologies.



## From Recovery to Resilience: Transforming Tourism for a ...

UNITED NATIONS, Feb 13 (IPS) - Tourism is back - and stronger than ever. With 1.4 billion international tourist arrivals recorded globally in 2024, the sector has bounced back to pre-pandemic levels, signalling a recovery from its worst crisis.

## From Recovery to Resilience: Transforming Tourism ...

UNITED NATIONS, Feb 13 (IPS) - Tourism is back - and stronger than ever. With 1.4 billion international tourist arrivals recorded globally in 2024, the sector has bounced back to pre-pandemic levels, signalling a recovery from its worst crisis.





## The role of clean energy in the development of sustainable tourism

The tourism industry has long been accused of being the major driver of global warming as a result of the size of the industry and its subsequent high energy consumption, most of which comes from sources that emit carbon dioxide.

## The impact of tourism, renewable energy, and economic growth ...

The governments should focus on renewable energy technologies i.e. wind energy, solar photovoltaic energy, geothermal energy, and hydropower generation for electricity, heating, and transportation.



## Contact Us

---

For catalog requests, pricing, or partnerships, please visit:  
<https://bialydom.kolobrzeg.pl>